RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/566,953_

Source: _1FWP_

Date Processed by STIC: _2/14/06_

ENTERED

RAW SEQUENCE LISTING   DATE: 02/14/2006
PATENT APPLICATION: US/10/566,953   TIME: 12:53:54

Input Set : **F:\seq_listing_11548_002_999.TXT**
Output Set: **N:\CRF4\02142006\J566953.raw**

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   4 <110> APPLICANT: Gustafsson, Claes
   5        Govindarajin, Sridhar
   6        Minshull, Jeremy Stephen
   8 <120> TITLE OF INVENTION: Systems and Methods for Biopolymer
   9        Engineering
  11 <130> FILE REFERENCE: 11548-02-999
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/566,953
C--> 13 <141> CURRENT FILING DATE: 2006-01-31
  13 <150> PRIOR APPLICATION NUMBER: PCT/US04/024752
  14 <151> PRIOR FILING DATE: 2004-07-30
  16 <150> PRIOR APPLICATION NUMBER: 60/536,862
  17 <151> PRIOR FILING DATE: 2004-01-15
  19 <150> PRIOR APPLICATION NUMBER: 60/536,357
  20 <151> PRIOR FILING DATE: 2004-01-14
  22 <150> PRIOR APPLICATION NUMBER: 60/491,815
  23 <151> PRIOR FILING DATE: 2003-08-01
  25 <160> NUMBER OF SEQ ID NOS: 3
  27 <170> SOFTWARE: FastSEQ for Windows Version 4.0
  29 <210> SEQ ID NO: 1
  30 <211> LENGTH: 20
  31 <212> TYPE: PRT
  32 <213> ORGANISM: Escheria coli
  34 <220> FEATURE:
  35 <223> OTHER INFORMATION: Escheria coli Leader Peptide
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  37 Met Lys Lys Leu Leu Phe Ala Ile Pro Leu Val Val Pro Phe Tyr Ser
  38 1               5                   10                  15
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  43 <210> SEQ ID NO: 2
  44 <211> LENGTH: 377
  45 <212> TYPE: PRT
  46 <213> ORGANISM: Tritirachium album Limber
  48 <220> FEATURE:
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  51 <400> SEQUENCE: 2
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  55             20                  25                  30
  56 Ser Ala Leu Ser Ala Leu Asp Ala Ala Met Glu Lys Ile Ser Gly Lys
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  58 Pro Asp His Val Tyr Lys Asn Val Phe Ser Gly Phe Ala Ala Thr Leu
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60 Asp Glu Asn Met Val Arg Val Leu Arg Ala His Pro Asp Val Glu Tyr
61 65                      70                      75                      80
62 Ile Glu Gln Asp Ala Val Val Thr Ile Asn Ala Ala Gln Thr Asn Ala
63                 85                      90                      95
64 Pro Trp Gly Leu Ala Arg Ile Ser Ser Thr Ser Pro Gly Thr Ser Thr
65                 100                     105                     110
66 Tyr Tyr Tyr Asp Glu Ser Ala Gly Gln Gly Ser Cys Val Tyr Val Ile
67             115                     120                     125
68 Asp Thr Gly Ile Glu Ala Ser His Pro Glu Phe Glu Gly Arg Ala Gln
69     130                     135                     140
70 Met Val Lys Thr Tyr Tyr Tyr Ser Ser Arg Asp Gly Asn Gly His Gly
71 145                     150                     155                     160
72 Thr His Cys Ala Gly Thr Val Gly Ser Arg Thr Tyr Gly Val Ala Lys
73                 165                     170                     175
74 Lys Thr Gln Leu Phe Gly Val Lys Val Leu Asp Asp Asn Gly Ser Gly
75                 180                     185                     190
76 Gln Tyr Ser Thr Ile Ile Ala Gly Met Asp Phe Val Ala Ser Asp Lys
77             195                     200                     205
78 Asn Asn Arg Asn Cys Pro Lys Gly Val Val Ala Ser Leu Ser Leu Gly
79     210                     215             .       220
80 Gly Gly Tyr Ser Ser Ser Val Asn Ser Ala Ala Ala Arg Leu Gln Ser
81 225                     230                     235                     240
82 Ser Gly Val Met Val Ala Val Ala Ala Gly Asn Asn Asn Ala Asp Ala
83                 245                     250                     255
84 Arg Asn Tyr Ser Pro Ala Ser Glu Pro Ser Val Cys Thr Val Gly Ala
85             260                     265                     270
86 Ser Asp Arg Tyr Asp Arg Arg Ser Ser Phe Ser Asn Tyr Gly Ser Val
87             275                     280                     285
88 Leu Asp Ile Phe Gly Pro Gly Thr Ser Ile Leu Ser Thr Trp Ile Gly
89     290                     295                     300
90 Gly Ser Thr Arg Ser Ile Ser Gly Thr Ser Met Ala Thr Pro His Val
91 305                     310                     315                     320
92 Ala Gly Leu Ala Ala Tyr Leu Met Thr Leu Gly Lys Thr Thr Ala Ala
93                 325                     330                     335
94 Ser Ala Cys Arg Tyr Ile Ala Asp Thr Ala Asn Lys Gly Asp Leu Ser
95             340                     345                     350
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98 Ala Val Asp His His His His His His
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102 <210> SEQ ID NO: 3
103 <211> LENGTH: 1193
104 <212> TYPE: DNA
105 <213> ORGANISM: Artificial Sequence
107 <220> FEATURE:
108 <223> OTHER INFORMATION: Artificial nucleic acid sequence encoding Tritirachium album
109        Limber proteinase K
111 <400> SEQUENCE: 3
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RAW SEQUENCE LISTING   DATE: 02/14/2006
PATENT APPLICATION: **US/10/566,953**   TIME: 12:53:54

Input Set : **F:\seq_listing_11548_002_999.TXT**
Output Set: **N:\CRF4\02142006\J566953.raw**

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114 gtagcaaaca agtacatcgt gaagttcaag gagggttctg ctctgtctgc tctggatgct 180
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123 atggatttcg tagcgagcga taaaaacaac cgcaactgcc cgaaaggtgt tgtggcttct 720
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127 tccttcagca actatggttc cgtcctggat atcttcggcc ctggtacttc tatcctgtct 960
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VERIFICATION SUMMARY   DATE: 02/14/2006
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L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:36 M:283 W: Missing Blank Line separator, <400> field identifier